# Minutes of OHDSI workgroup in Population Level Estimation

June 25, 2019

Present: Kristin Kostka, Sara Dempster, Anthony Sena, Clark Evans, David Madigan, Greg Klebanov, Kees van Bochove, Sarah Seager, Martijn Schuemie

# \*\*\* Progress report \*\*\*

Chapters:

I OHDSI Community

1 Mission, vision, values: May not need much more

2 Collaborators: Patrick is owning this

3 Open Science: Kees has first outline (to be discussed later in meeting)

4 Where to begin (Kristin has this, will coordinate with Patrick who led face-to-face meeting)

II Uniform Data Representation

5 The Common Data Model: Clair owns this. Martijn will check on progress.

6 Standardized Vocabularies: Mui and Christian are working on this.

7 Extract Transform Load: Clair owns this. Martijn will check on progress.

III Data Analytics

8 Data Analytics Use Cases: Draft is finished!

9 OHDSI Analytics Tools: Martijn is working on this. Halfway done. May pull in Frank

10 SQL and R: Martijn and Peter are working on this. Draft will be done by end of week.

11 Building the building blocks: cohorts: Kristin is leading this.

12 Characterization: Anthony Sena and Dani are working on this. Are consolidating material from face-to-face

13 Population-level estimation: Draft is finished!

14 Patient Level Prediction: Jenna has been working on this, should be almost done. Martijn will check in with her.

IV Evidence Quality

15 Evidence Quality: Jon has accepted to lead this

16 Data Quality: Unclear. Martijn will contact Andrew and Vojtech

17 Clinical Validity: Chan and Joel are leading this. Jon may join them

18 Software Validity: Martijn is leading. Something there already on Methods Library. Greg has materials on ATLAS (Martijn will follow up)

19 Method Validity: Martijn is working on this, will be done on time.

V OHDSI Studies

20 Study steps: Sara Dempster is working on this. Will share preliminary work very soon. Will coordinate with Kristin.

21 OHDSI Network Research: Kristin and Greg are working on this.

# \*\*\* Open Science chapter \*\*\*

Kees: For open science chapter, I have three options for structuring it:

1. Opens source open standard open data
2. RDM life cycle
3. FAIR principles

Martijn: I recommend describing how OHDSI sees and practices open science, with some comparisons later on to other concepts and efforts of data science.

Greg: Also add discussion of how open science in OHDSI could be improved?

Martijn: seems like things like the CDM and Vocab, and how they’re community maintained and driven, as well as all the open source tools, best fit option 1.

# \*\*\* Current chapter drafts \*\*\*

Martijn: Do we like this direction? Things to add?

Greg: add summary with key points at the end of chapter

Kristin: Important icon makes me think there’s an error. Magnifying glass?

Greg: book cover? Martijn: There’s a competition! Greg might know a graphics designer

Next meeting will be next week: July 2nd

Don’t forget the deadline: July 9 all draft chapters should be in.